# FIXED OPERATING FREQUENCY INVERTER FOR COLD CATHODE FLUORESCENT LAMP HAVING STRIKE FREQUENCY ADJUSTED BY VOLTAGE TO CURRENT PHASE RELATIONSHIP

Abstract of the Disclosure

A method of driving a lamp that uses a DC to AC inverter that is connected to a primary winding of a transformer is disclosed. The inverter frequency is variable, and in one embodiment, may be controlled by a voltage controlled oscillator. Circuitry is included that monitors the phase relationship between a voltage across a secondary of the transformer and a current through the primary of the transformer. The circuitry monitors the phase relationship and adjusts the inverter frequency, such as by adjusting voltage controlled oscillator, so that the phase relationship is maintained at a predetermined relationship.